

BUZZER

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RBE-0.400-2626-NS1







Electrical Specifications

High Temperature Reliability Function for 96 hours and room temperature for 2 hours			VALUE	UNIT		
Operating Voltage 8 ~ 16 VDC Control Pin Voltage C: 3.3 ~ 16VDC 10 mA Sound Output , min @ 12VDC, 10 cm, 25°C 95 dB Operating Current, max @ 12 VDC 55 mA High Temperature Reliability Function for 96 hours and room temperature for 2 hours +105 ±2 °C Low Temperature Reliability Function for 96 hours and room temperature for 2 hours -40 ±2 °C Humidity @ 40 ±2 °C, R.H 48 hours and room temperature for 2 hours 90 - 95 % Operating Temperature Range -40 ~ +105 °C Storage Temperature Range -40 ~ +105 °C Description 4 PC pins, 0.04Ø (1.0Ø mm) brass, electro-tin plated. - Case 26A Case, plastic, NORYL™, PX9406-701, Black Ni Alloy Disc N42 or equal - Diaphragm Ni Alloy Disc N42 or equal - Thermal Shock +20±2°C, 30min +20±2°C, 30min +20±2°C, 15min 5 cycles Weight 7.5 g - - - - - - - - - <td>Operating</td> <td>Frequency</td> <td>400±100</td> <td>Hz</td>	Operating	Frequency	400±100	Hz		
Control Pin Voltage	Nominal C	Operating Voltage,	12	VDC		
Sound Output , min @ 12VDC, 10 cm, 25°C 95 dB			8 ~ 16	VDC		
Operating Current, max @ 12 VDC @ 16 VDC	Control Pi	n Voltage	C: 3.3 ~ 16VDC		10	mA
Compariting Current, max @ 16 VDC 60 mA	Sound Ou	tput , min	@ 12VDC, 10 cm, 25°	С	95	dB
High Temperature Reliability Function for 96 hours and room temperature for 2 hours Low Temperature Reliability Function for 96 hours and room temperature for 2 hours Humidity	Operating Current, max		@ 12 VDC		55	mA
Low Temperature Reliability for 2 hours Function for 96 hours and room temperature for 2 hours Function for 96 hours and room temperature for 2 hours for 2 hours 90 - 95 % Humidity @ 40 ±2 °C, R.H 48 hours and room temperature for 2 hours 90 - 95 % Operating Temperature Range -40 ~ +105 °C Storage Temperature Range -40 ~ +105 °C Description 4 PC pins, 0.04Ø (1.0Ø mm) brass, electro-tin plated. 26A Case, plastic, NORYL™, PX9406-701, Black 26A Case, plastic, NORYL™, PX9406-701, Black Ni Alloy Disc N42 or equal -			@ 16 VDC		60	mA
Humidity Gamma Feminability Feminability For 2 hours Feminability F	High Temperature Reliability				+105 ±2	°C
Prumidity temperature for 2 hours 90 - 95 % Operating Temperature Range -40 ~ +105 °C Storage Temperature Range -40 ~ +105 °C Description 4 PC pins, 0.04Ø (1.0Ø mm) brass, electro-tin plated. 26A Case, plastic, NORYL™, PX9406-701, Black Diaphragm Ni Alloy Disc N42 or equal - Weight 7.5 g Thermal Shock -40±2°C, 30 min +20±2°C, 15 min +105±2°C, 30 min +20±2°C, 15 min Vibration @ After vibrating the object at 10–50 Hz in perpendicular direction for 2 hours each 0 Shock for each mutually perpendicular directions, half sine wave, 3 times each 0 Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3 directions – Solder Heat Resistance Soldering into Solderbath, soldering temperature 350±10 °C, soaking time 3.5±0.5 sec Soldering into Solderbath 400 cm 2 hours each 400 cm 2 hou	Low Temperature Reliability		for 2 hours		-40 ±2	°C
Storage Temperature Range Description A PC pins, 0.04Ø (1.0Ø mm) brass, electro-tin plated. 26A Case, plastic, NORYL™, PX9406-701, Black Diaphragm Ni Alloy Disc N42 or equal - Weight Thermal Shock After vibrating the object at 10−50 Hz in perpendicular direction for 2 hours each Shock Book for each mutually perpendicular directions, half sine wave, 3 times each Drop Test Drop Test Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3 directions − Soldering into Solderbath Hand soldering conditions for 3.5±0.5 second	Humidity				90 - 95	%
Description 4 PC pins, 0.04Ø (1.0Ø mm) brass, electro-tin plated. 26A Case, plastic, NORYL™, PX9406-701, Black Ni Alloy Disc N42 or equal - Weight 7.5 g -40±2°C, 30min +20±2°C, 15min 5 cycles -40±2°C, 15min +105±2°C, 30 min +20±2°C, 15min +20±2°C, 15m	Operating Temperature Range				-40 ~ + 105	°C
Description brass, electro-tin plated. 26A Case, plastic, NORYL™, PX9406-701, Black Diaphragm Ni Alloy Disc N42 or equal - Weight 7.5 g -40±2°C, 30min +20±2°C, 15min +105±2°C, 30 min +20±2°C, 15min Yibration	Storage T	emperature Range	-40 ~ +105	°C		
Case Case 26A Case, plastic, NORYL™, PX9406-701, Black Silvent Soldering into Solderbath Soldering into Solderbath Silvent Silvent	Descriptio	n		-		
Weight Thermal Shock Thermal Shock After vibrating the object at 10–50 Hz in perpendicular direction for 2 hours each Shock Shock Shock for each mutually perpendicular directions, half sine wave, 3 times each Drop Test Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3 directions — Solder Heat Resistance Soldering into Solderbath T.5 g -40±2°C, 30min	Case		26A Case, plastic, NORYL™, PX9406-701,			
Thermal Shock -40±2°C, 30min +20±2°C, 15min -105±2°C, 30 min +105±2°C, 30 min +20±2°C, 15min Vibration @ After vibrating the object at 10–50 Hz in perpendicular direction for 2 hours each Shock @ Shock for each mutually perpendicular directions, half sine wave, 3 times each Drop Test Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3 directions – Solder Heat Resistance Soldering into Solderbath Hand soldering conditions for 3.5±0.5 s Soldering into Solderbath	Diaphragr	n	Ni Alloy Disc N42 or equal	-		
Thermal Shock -40±2°C, 30min +20±2°C, 7.15min +105±2°C, 30 min +20±2°C, 7.15min Vibration @ After vibrating the object at 10–50 Hz in perpendicular direction for 2 hours each Shock @ Shock for each mutually perpendicular directions, half sine wave, 3 times each Drop Test Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3 directions – Solder Heat Resistance Soldering into Solderbath Hand soldering conditions for 3.5±0.5 s -40±2°C, 30min +20±2°C, 7.15min 1.5 mm 980 m/s² 700mm height onto the surface of 10mm wooden board with 3 directions – Soldering into Solderbath, soldering temperature 350±10 °C, soaking time 3.5±0.5 seconds of the surface of 10mm wooden board with 3 directions – Soldering into Solderbath					7.5	g
Shock	Thermal Shock			+20±2°C ,15min +105±2°C ,30 min	5	cycles
Wave, 3 times each 960 111/5² Drop Test Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3	Vibration		the object at 10–50 Hz	in perpendicular direction	1.5	mm
directions – Solder Heat Resistance Soldering into solderbath, soldering temperature 350±10 °C, soaking time 3.5±0.5 secondary into soldering conditions for 3.5±0.5 s Hand soldering conditions for 3.5±0.5 s 350±10 °C	Shock	wave, 3 times each				m/s²
Soldering into Solderbath Hand soldering conditions for 3.5±0.5 s 350±10 °C	Drop Test		Dropped naturally from 700mm height onto the surface of 10mm wooden board with 3 directions –			
Soldering into Solderbath	Solder Heat Resistance		Soldering into solderbath, soldering temperature 350±10 °C, soaking time 3.5±0.5 s			0.5 sec
Flow soldering conditions for 6±1 s 260±5 °C	Soldering into Solderbath		Hand soldering conditions for 3.5±0.5 s		350±10	°C
			Flow soldering conditions for 6±1 s		260±5	°C

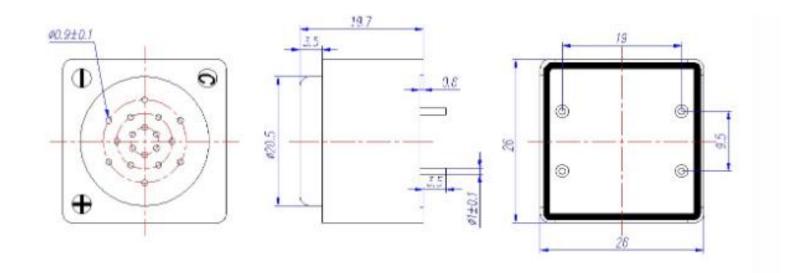


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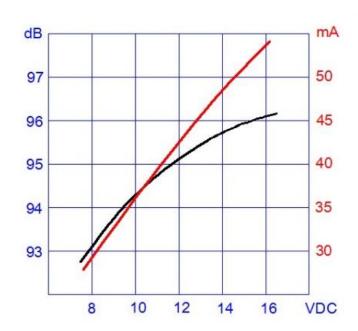
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Dimension



Unit: mm

Frequency Characteristics





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APPROVAL

DRAWN BY	AR, November 29, 2023	
APPROVED BY	CP, November 29, 2023	
REVISION	A, Initial Release	

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